ABSTRACT OF THE DISCLOSURE

Meta object facility repository event notification may be accomplished through the use of listener interfaces implemented by event listeners and event source interfaces implemented by objects at the repository. The listeners may register for event notifications of a particular type by passing a registration call for the event type to an appropriate event source interface. Additionally, listeners may register for listening to event notifications of any combination of event sub-types by passing a registration call (together with a bitmask indicating the event sub-types combinations) to a combination event type source interface. If an event occurs, an event object (describing the occurred event) is created by the event source and then it is passed via a notification call to each of the listeners registered for notifications of this particular event type or sub-type. This provides notification of the occurrence of events to the listeners.